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 ACCESSION NUMBER: 102:47470 HCA  
 TITLE: Coating having low reflectance  
 PATENT ASSIGNEE(S): Asahi Glass Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.  
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PATENT INFORMATION:	JP 59115840 A2	840704 Showa
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AB A coating of silane compd. or transparent resin, having a refractive index of same or higher level compared to a transparent substrate, is formed on the substrate and a coating composed of polyfluoro group-contg. compd. is applied on top to give a multilayer coating. The surface reflectance of glass and plastic substrate can be decreased and hence the coating is useful for doors, windows, and optical lenses. Thus,  $\text{Rf}(\text{CH}_2)_2\text{Si}(\text{OMe})_3$  (I;  $\text{Rf} = \text{C}_n\text{F}_{2n+1}$ ,  $n = 6, 8, 10, 12$  mixt., av. 9.0; prepd. from  $\text{RfCH:CH}_2$ ,  $\text{HSiCl}_3$  and  $\text{MeOH}$ ) was dissolved in Fronsolve R-113 and  $\text{Me}_2\text{CO}$ . Glass plate was first soaked in a soln. contg. the reaction product of 3-(glycidyloxy)propyltriethoxysilane and  $\text{H}_2\text{N}(\text{CH}_2)_2\text{NH}(\text{CH}_2)_3\text{Si}(\text{OMe})_3$ , dried, and then soaked in the I soln., and cured. The coating had good hardness and low reflectance.